

PTO/SB/08A (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	09/911,586
		Filing Date	July 24, 2001
		First Named Inventor	Regina Schmitt
		Art Unit	To Be Assigned 2173
Examiner Name	To Be Assigned CUONG T. THAI	Attorney Docket Number	2000P14826US//1140668-0028
Sheet	1	of	2

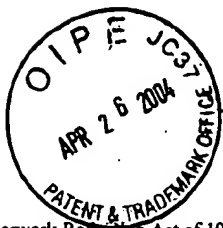
U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
CT		US-4,646,228	02-24-1987	Ikeda	RECEIVED APR 28 2004 Technology Center 2100
CT		US-5,321,603	06-14-1994	Schwenke	
CT		US-5,392,207	02-21-1995	Wilson et al.	
CT		US-5,434,489	07-18-1995	Cheng et al.	
CT		US-6,571,138 B1	05-27-2003	Okada et al.	
CT		US-5,479,354	12-26-1995	Husslein, Manfred	
CT		US-5,790,437	08-04-1998	Schuh et al.	
CT		US-5,909,372	06-01-1999	Thybo, Claus	
CT		US-6,294,891 B1	09-25-2001	McConnell et al.	
CT		US-4,682,278	07-21-1987	Marquardt et al.	
CT		US-4,837,722	06-06-1989	Sara, Jason	
CT		US-5,563,526	10-08-1996	Hastings et al.	
CT		US-5,926,176	07-20-1999	McMillan et al.	
CT		US-6,055,369	04-25-2000	Sawahata et al.	
CT		US-6,295,606 B1	09-25-2001	Messerges et al.	
CT		US-6,412,106 B1	06-25-2002	Leask et al.	
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
CT		DE 196 00 882 C1	09-04-1997	Heesemann		X
CT		EP 0 735 444 A2	03-26-1996	Siemens Aktiengesellschaft		X
CT		EP 0 774 701 A1	11-17-1995	Tornos-Bechler SA		X
CT		EP 0 813 131 A1	06-03-1997	Danfoss A/S		X
CT		WO 92/02871	02-20-1992	Digital Arts Film & Television Pty. Ltd.		X
CT		WO 97/25661	07-17-1997	Heesemann		X
Examiner Signature		CUONG T. THAI		Date Considered	10/08/04	

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Sheet	2	of	2	Attorney Docket Number	2000P14826US//1140668-0028

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
@T		Einfach und werkstattnah programmieren G05B 19/409, TR Technische Rundschau Heft 37, 1993, pp. 70-71.	X
@T		HANS B. KIEF, NC/CNC Handbuch, 1995, Forward and pp. 296-297 and 318-319, Carl Hanser Verlag Publishers, Munich, Germany.	X
@T		JOSEF HUBL, SPS/IPC/Drives - tagungsband, pp. 88-95, November 23-25, 1999, Nurnberg, Verlag Huthig GmbH, Heidelberg, Germany.	X
@T		"ISaGRAF Overview" by AlterSys Inc., March 2001	X
@T		"Siemens Industrial Software" by E&M Products, April 2001	
@T		"PLCopen: Standardization in Industrial Control Programming" by Eelco van der Wal, October 1999	
@T		"ISaGRAF Target for QNX6" by Pavel Kabanov, Nautsilus Scientific Center, 2001	

Examiner Signature	CUONG T. THAI	Date Considered	10/08/04
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